Supplementary materials:

The Effects of *Prunus spinosa* L. Flower Extracts, Model Polyphenols and Phenolic Metabolites on Oxidative/Nitrative Modifications of Human Plasma Components with Particular Emphasis on Fibrinogen In Vitro

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Table S1. Content of the main groups of phytochemicals present in *P. spinosa* flower extracts and their representatives investigated in the current study according to Marchelak et al. [20,21].

Group of compounds	Content [mg/g dw]			Representatives	Content [mg/g dw]		
	MED	**DEF**	**EAF**		**MED**	**DEF**	**EAF**
Flavonoid aglycones	2.38	84.00	30.27	**QU**	1.32 ± 0.06	42.92 ± 1.09	20.99 ± 0.50
				KA	1.06 ± 0.01	41.08 ± 1.15	9.28 ± 0.34
Quercetin monoglycosides	28.81	101.65	94.48	**AV**	14.89 ± 0.65	71.04 ± 2.42	28.81 ± 1.12
Kaempferol monoglycosides	33.24	270.18	79.79	**JU**	13.73 ± 0.43	96.14 ± 1.33	16.90 ± 0.26
Kaempferol diglycosides	58.35	14.45	162.74	**KT**	17.42 ± 0.79	6.13 ± 0.30	41.46 ± 0.19
Procyanidins	9.53	29.79	48.66	**PA2**	-	-	-
Caffeoylqunic acids	24.36	-	10.83	**CHA**	5.64 ± 0.11	-	5.69 ± 0.32
Hydroxycinnamic acids	-	8.24	-	***p*-CA**	-	8.24 ± 0.22	-

Results are presented as means ± SD (n = 3). For details see [20,21].

Table S2. Correlation coefficients (r) and probability (p) values of linear relationships between methods used to evaluate the potential effects of the blackthorn flower extracts, model native polyphenols and phenolic metabolites on fibrinogen under oxidative stress conditions.

r (p) for:	SDS-PAGE	WB anty-3NT	3-NT ELISA	Trp oxid.	WB anty-FG
SDS-PAGE		0.9135 (0.000)***	0.9331 (0.000)***	0.5808 (0.001)***	0.8950 (0.000)***
WB anty-3NT	0.9135 (0.000)***		0.9673 (0.000)***	0.6175 (0.000)***	0.9455 (0.000)***
3-NT ELISA	0.9331 (0.000)***	0.9673 (0.000)***		0.6411 (0.000)***	0.9522 (0.000)***
Trp oxid.	0.5808 (0.001)***	0.6175 (0.000)***	0.6411 (0.000)***		0.5944 (0.001)***
WB anty-FG	0.8950 (0.000)***	0.9455 (0.000)***	0.9522 (0.000)***	0.5944 (0.001)***	

Asterisks indicate statistical significance of the estimated linear relationships (* $p < 0.05$, ** $p < 0.01$, and *** $p < 0.001$).